



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/724,410	11/26/2003	Kamran Oveyssi	K35A1394	1050
35219	7590	05/25/2006	EXAMINER	
WESTERN DIGITAL TECHNOLOGIES, INC.			KLIMOWICZ, WILLIAM JOSEPH	
ATTN: SANDRA GENUA				
20511 LAKE FOREST DR.				
E-118G			ART UNIT	
LAKE FOREST, CA 92630			PAPER NUMBER	
2627				
DATE MAILED: 05/25/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/724,410	OVEYSSI, KAMRAN
	Examiner	Art Unit
	William J. Klimowicz	2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-19 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 1-11 is/are allowed.
- 6) Claim(s) 12,14 and 18 is/are rejected.
- 7) Claim(s) 13,15-17 and 19 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 26 November 2003 is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____ .

DETAILED ACTION

Drawings

The drawings are objected to because with regard to Figure 6, the “second yoke first prong 70” and the “ second yoke second prong 72” are inadvertently transposed in FIG. 6, i.e., designator 72 should be changed to designator 70, and designator 70 should be changed to designator 72 in Figure 6.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 12, 14 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Ogawa (US 5,731,642).

As per claim 12, Ogawa (US 5,731,642) discloses a disk drive (12) comprising: a disk drive base (14); a generally E-shaped voice coil motor yoke (e.g., (50I)) coupled to the disk drive base (14), the voice coil motor yoke including a first prong (82) having opposing engagement (end that makes contact with (90)) and distal ends (distal end being end of (82) furthest from end engaging (90)), the first prong (82) including a projection (e.g., see COL. 8, line 40)) extending from the engagement end, the yoke (50I) further includes a generally C-shaped yoke body (e.g., 50a, 50c, 50d), the yoke body (50I) including second (50a) and third prongs (50c) and a transition section (50d, 74) disposed between the second and third prongs (50a, 50c), the transition section (74, 50d) including an engagement opening (area surrounding projection (90), which is coupled to a projection of (82) via resin - thus, the area around projection (90) does indeed provide an opening which engages with (82) via resin - see COL. 8, lines 37-50 - formed in the transition section and configured to engage the projection of the first prong (via a common resin in the gap between the projections of (82) and (74)); a first voice coil magnet (54) supported by the second prong (50a) disposed toward the first prong (82) - see FIG. 22; a second

voice coil magnet (56) supported by the third prong (50c) disposed toward the first prong (82), the second voice coil magnet having a same polarity disposed towards first prong as the first voice coil magnet having disposed towards the first prong - see FIG. 3; and an actuator (26) configured to rotate about an axis of rotation (24), the actuator (26) including an actuator body (30, 34) rotatably coupled to the disk drive base (14) and an actuator coil (38) coupled to the actuator body (30, 34), the actuator coil (38) defining a coil axis (see dotted line in FIG. 2) disposed orthogonal to the axis of rotation (about 24), the actuator coil (38) being positionable about the first prong (82) and between the first and second voice coil magnets (54, 56).

As per claim 14, wherein the engagement opening is laterally centered in the transition section - since it is symmetrical about projection (90).

As per claim 18, wherein an adhesive (e.g., resin) is used to engage the first prong (82) within the engagement opening (that is, the adhesive - resin - engages the areas around both projections (90) and the projection of (82)).

Allowable Subject Matter

Claims 13, 15-17, 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1-11 are currently allowed.

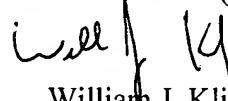
Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William J. Klimowicz whose telephone number is (571) 272-7577. The examiner can normally be reached on Monday-Thursday (6:30AM-5:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa Thi Nguyen can be reached on (571) 272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


William J. Klimowicz
Primary Examiner
Art Unit 2627

WJK